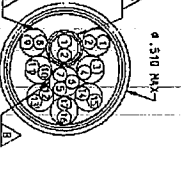
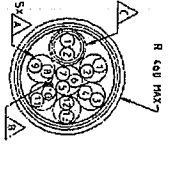
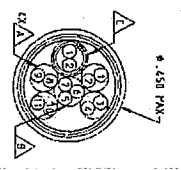
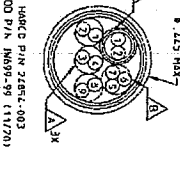
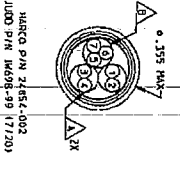
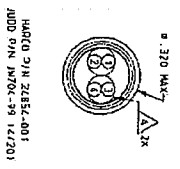
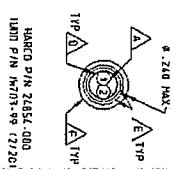


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WIRE NO.	COLOR/TEST	OPT/DUAL
1	WHT	
2	WHT/BLK	
3	WHT/GRN	
4	WHT/GRN	
5	WHT/GRN	
6	WHT/ORG	
7	WHT/YEL	
8	WHT/BLU	
9	WHT/YLD	
10	WHT/GRN	
11	WHT/BLK/GRN	
12	WHT/BLK/GRN	
13	WHT/BLK/GRN	
14	WHT/BLK/GRN	
15	WHT/BLK/GRN	
16	WHT/BLK/GRN	
17	WHT/BLK/GRN	

HARCO P/N 24854-014
JUDO P/N JAW02-99 119/201

HARCO P/N 24854-005
JUDO P/N JAW01-99 119/201

HARCO P/N 24854-006
JUDO P/N JAW02-99 119/201

UNCONTROLLED COPY. VERIFY SERIAL NUMBER.

NOTES:

- CONDUCTOR: 28AWG T99/730 MINKEL PLYEST HIGH STRENGTH ALLOY 135 @ 2415, 001, 002, 003 CHN/1000FT MAXIMUM.
- DILECTRIC: EXTRUDED XLPEFF, 0.09 MINIMUM WALL, 0.059-0.002, COLORS OPTIONAL.
- TWISTED PAIR: 3 CONDUCTORS, 1.75 INCH LH LAY; 0.122 MAXIMUM.
- SHIELDING: TWISTED PAIR: 2 CONDUCTOR, 1.75 INCH LH LAY. SHIELDING SHALL BE CONTINUOUS AND UNINTERRUPTED THROUGHOUT THE LENGTH OF THE CABLE. THE SHIELDING SHALL BE MADE FROM REFLECTION, PRINT LEGEND "JUDO P/N 1203 HQ R 01".
- OVER TYPE WARP: 004 WITH A 25-50% OVERLAP, SKIVED PIPE.
- CABLES SUPPLIED TO THIS DRAWING CAN NOT BE CHANGED WITHOUT PRIOR APPROVAL OF HARCO LABORATORIES, INC.
- CABLES SUPPLIED TO THIS DRAWING SHALL BE CAPABLE OF NORMAL OPERATION AT ANY EXPOSURE TO TEMPERATURE LIMITS OF 75°C TO +90°C.
- CABLES SUPPLIED TO THIS DRAWING SHALL BE QUALIFIED BY SIMULATED IN ACCORDANCE WITH BEING SPECIFICATION SEBMS001.
- SHIELD PERFORMANCE: WHEN TESTED IN ACCORDANCE WITH MIL-C-88545, THE TRANSDUCANCE SHALL BE LESS THAN 0.01 DBMS PER METER.
- CABLE BUNDLE SHALL BE ROUND. USE OF FILLETS TO CREATE ROUND BUNDLE IS ALLOWED.
- WIRE COLOR CODE: WHITE BACKGROUND WITH COLOR STRIPE IS OPTIONAL. SOLID COLORS ARE ACCEPTABLE. 1 & 2 WITTING MAY BE OMISS.

REV	DATE	BY	DESCRIPTION
01	01/15/10	...	...
02	01/15/10	...	...
03	01/15/10	...	...
04	01/15/10	...	...
05	01/15/10	...	...
06	01/15/10	...	...
07	01/15/10	...	...
08	01/15/10	...	...
09	01/15/10	...	...
10	01/15/10	...	...
11	01/15/10	...	...
12	01/15/10	...	...
13	01/15/10	...	...
14	01/15/10	...	...
15	01/15/10	...	...
16	01/15/10	...	...
17	01/15/10	...	...
18	01/15/10	...	...
19	01/15/10	...	...
20	01/15/10	...	...

SOURCE OF SUPPLY	
HARCO P/N	JUDO P/N
24854-001	JAW01-99 119/201
24854-002	JAW02-99 119/201
24854-003	JAW03-99 119/201
24854-004	JAW04-99 119/201
24854-005	JAW05-99 119/201
24854-006	JAW06-99 119/201
24854-007	JAW07-99 119/201
24854-008	JAW08-99 119/201
24854-009	JAW09-99 119/201
24854-010	JAW10-99 119/201
24854-011	JAW11-99 119/201
24854-012	JAW12-99 119/201
24854-013	JAW13-99 119/201
24854-014	JAW14-99 119/201
24854-015	JAW15-99 119/201
24854-016	JAW16-99 119/201
24854-017	JAW17-99 119/201
24854-018	JAW18-99 119/201
24854-019	JAW19-99 119/201
24854-020	JAW20-99 119/201

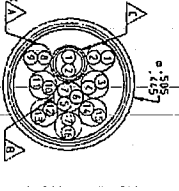
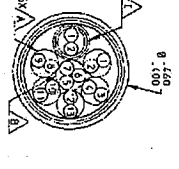
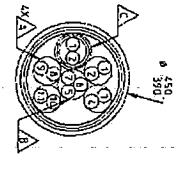
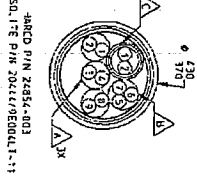
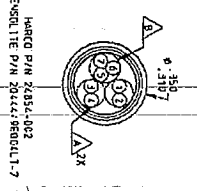
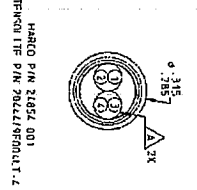
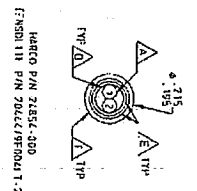
LABORATORIES, INC. IS THE SUGGESTED SOURCE OF SUPPLY FOR THE ITEMS LISTED IN THIS DRAWING. THE USER SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES.

SOURCE CONTROL DRAWING

Laboratories, Inc.
 2006 MIL IT - CONDUCTOR
 JUMPER, FIVE, VENDOR 1
 248541

LABORATORIES, INC.

NOTE TO ALL PERSONS RECEIVING THIS DRAWING: THIS DRAWING IS THE PROPERTY OF LABORATORIES, INC. AND IS TO BE USED ONLY FOR THE PROJECT AND PURPOSE SPECIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF LABORATORIES, INC.



WIRE NO.	WIRE COLOR	TOP LEVEL	TENSOLITE
1	WHIT/BLK	WHI	WHI
2	WHIT/BLK	WHI	WHI
3	WHIT/BLK	WHI	WHI
4	WHIT/RED	RED	RED
5	WHIT/GRN	GRN	GRN
6	WHIT/ORG	ORG	ORG
7	WHIT/YEL	YEL	YEL
8	WHIT/BLU	BLU	BLU
9	WHIT/GRY	GRY	GRY
10	WHIT/GRY	GRY	GRY
11	WHIT/BLK/GRN	BLK/GRN	BLK/GRN
12	WHIT/BLK/RED	BLK/RED	BLK/RED
13	WHIT/BLK/GRN	BLK/GRN	BLK/GRN
14	WHIT/BLK/RED	BLK/RED	BLK/RED
15	WHIT/BLK/GRN	BLK/GRN	BLK/GRN
16	WHIT/BLK/RED	BLK/RED	BLK/RED
17	WHIT/BLK/GRN	BLK/GRN	BLK/GRN
18	WHIT/BLK/RED	BLK/RED	BLK/RED

HARCO PIN 24854-004 TENSOLITE PIN 20444/REB04L1-13 HARCO PIN 24854-013 TENSOLITE PIN 20444/REB04L1-15 HARCO PIN 24854-005 TENSOLITE PIN 20444/REB04L1-19

- NOTES:
- CONDUCTOR: 20 AWG 42/78 NICKEL PLATED HIGH STRENGTH ALLOY 135 @ 0.135, 0.011, OCS 13 DWHT/1000FT MAXIMUM, DUCTILE, EXTRUSION PIPE, 0.0291, 0.027, CONDS AS SHOWN.
 - TWISTED PAIR: 2 CONDUCTORS, 1.50 INCH LH LAY.
 - SHIELDING JACKETED TWISTED PAIR: 2 CONDUCTORS, 1.25 INCH LH LAY.
 - SHIELDING JACKETED TWISTED PAIR: 2 CONDUCTORS, 20W COVERAGE MINIMUM, JACKET: 2 LAYERS, CROSSWAP UNSHIELDED PIPE, 0.03 X 3/4 15-50W LAP BOTH ENDS, 8.158 MAXIMUM.
 - BIWIRE: PIPE, 0.03 X 1/4 MINIMUM OVERLAP APPLIED AT CABLE OPERATION WITH FIBERGLASS FILLER AS REQUIRED.
 - OVERALL SHIELDS: THE CABLES SHALL HAVE TWO (2) OVERALL BRAIDED SHIELDS OF 25 OR 34 AWG NICKEL COATED COPPER WITH EACH HAVING A COVERAGE OF NOT LESS THAN 90%. THE BRAID ANGLES SHALL BE 45°-50°. THE COATING THICKNESS SHALL BE 40 TO 150 MICRO INCHES. THE SHIELDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH MIL-C-27500.
 - OVERALL JACKETS: THE CABLES SHALL HAVE A PTFE TAPE WARP JACKET. THE JACKET SHALL BE CONSTRUCTED AS FOLLOWS:
 LAYER ONE: 0.007 PTFE (WHITE) - 25-50K LAP
 LAYER TWO: 0.003 PTFE (YELLOW) - 25-50K LAP
 LAYER FOUR (CABLE Ø 350 AND LARGER): 0.003 PTFE (YELLOW) - 25-50K LAP

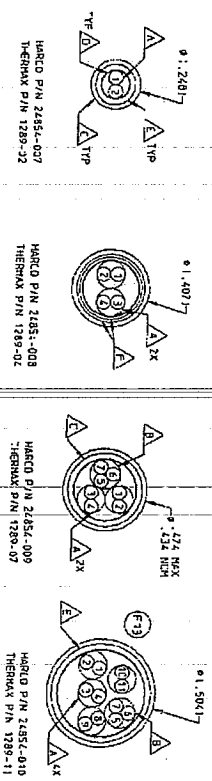
- CABLES SUPPLIED TO THIS DRAWING CAN NOT BE CHANGED WITHOUT PRIOR APPROVAL OF HARCO LABORATORIES, INC.
- CABLES MUST CONFORM TO THIS DRAWING AND THE LATEST REVISION OF HARCO SPECIFICATION 8531456.
- CABLES SUPPLIED TO THIS DRAWING SHALL BE QUALIFIED IN ACCORDANCE WITH HARCO SPECIFICATION 8531456.
- SHIELD PERFORMANCE WHEN TESTED IN ACCORDANCE WITH MIL-C-85353, THE TRANSFER IMPEDANCE SHALL BE LESS THAN 0.01 OHMS PER METER.

SOURCE OF SUPPLY	
HARCO PIN	CONSOLE TENSOLITE PART NO. DATE, NAME AND ADDRESS
24854-000	20444/REB04L1-2
24854-001	20444/REB04L1-2
24854-002	20444/REB04L1-2
24854-003	20444/REB04L1-2
24854-004	20444/REB04L1-13
24854-013	20444/REB04L1-15
24854-005	20444/REB04L1-19
24854-006	20444/REB04L1-19

SCOURCE CONTROL DRAWING

Laboratories, Inc.
 2066A MILITARY CONDUCTOR
 NUMBER, FBI, VENDOR 2
 24854
 00080

FIGURE 1. WIRE CROSS SECTION DRAWING

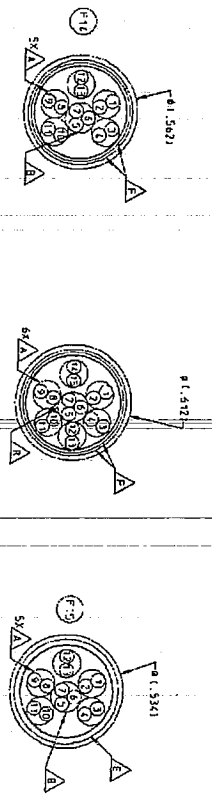


HARCO P/N 2485-002
THERMAX P/N 1289-02

HARCO P/N 2485-008
THERMAX P/N 1289-02

HARCO P/N 2485-009
THERMAX P/N 1289-07

HARCO P/N 2485-010
THERMAX P/N 1289-11



HARCO P/N 2485-011
THERMAX P/N 1289-13D

HARCO P/N 2485-012
THERMAX P/N 1289-15

HARCO P/N 2485-013
THERMAX P/N 1289-13

WIRE NO	HARCO TOP LEVEL	THERMAX
1	WHT	WHT/BLK
2	WHT/BLK	BLK
3	WHT/GRN	GRN
4	WHT/RED	RED
5	WHT/GRN	GRN
6	WHT/GRN	GRN
7	WHT/GRN	GRN
8	WHT/BLU	BLU
9	WHT/BLU	BLU
10	WHT/AGE7	AGE7
11	WHT/BLK/GRN	BLK/GRN
12	WHT/BLK/RED	BLK/RED
13	WHT/BLK/GRN	BLK/GRN
14	WHT/BLK/GRN	BLK/GRN
15	WHT/BLK/RED	BLK/RED
16	WHT/BLK/RED	BLK/RED
17	WHT/BLK/BLU	BLK/BLU
18	WHT/BLK/BLU	BLK/BLU

UNCONTROLLED COPY - VERIFY REV. ON BEFORE USE

- NOTES:
- CONDUCTOR MATERIAL: NICKEL-COATED COPPER ALLOY (50 MICROINCHES MIN) SIZE: #20
 - CONSTRUCTION: 19 X 32 CONDUCTORS; .0075" DC RESISTANCE (MAX); 11.4 OHMS/1,000FT.
 - INSULATION MATERIAL: EXTRUDED PTFE DC; .009" - .01" O.D.
 - CONDUCTOR: 1) TWISTED PAIR COMPONENTS (CABLE NO. 12) INSULATED CONDUCTORS TOGETHER; LAYDOWN: 2 1/2" DIA.
 - COMPONENT #2 (TWISTED TRIPLE COMPONENT) CABLE THREE(3) INSULATED CONDUCTORS TOGETHER; LAYDOWN: 2 1/2" DIA.
- OVERALL CABLE COMPONENTS ALONG WITH FIBERGLASS FILTERS AS MESSY FOR ROUNDNESS, AND TO MINIMIZE VIBRATION CONVOLUTIONS AND OTHER STRESS.
- OVERALL JACKETS:
- LAYER: JOGSTRIP PTFE TAPE; 50K MIN; 5X NOM OVERLAP
 - LAYER: .002" (NOM) PTFE TAPE; 50K MIN; 5X NOM OVERLAP
 - LAYER: .002" (NOM) PTFE TAPE; 50K MIN; 5X NOM OVERLAP
 - LAYER: .002" (NOM) PTFE TAPE; 50K MIN; 5X NOM OVERLAP
- JACKET MARKING TO INCLUDE: - VENDOR PART NUMBER, VERSION CODE LONG, VERSION TRACKABILITY INFORMATION, IMPROVER, LOT#, DATE, ETC.
- OVERALL SHIELDS: MATERIAL NICKEL-COATED COPPER; 50 MICROINCHES MIN; LAYERS WITH 1 SHIELD SHALL HAVE A COVERAGE OF NOT LESS THAN 90%. THE BAND ANGLE SHALL BE 40-50°.
- OVERALL SHIELDS WITH 2 SHIELDS SHALL NOT HAVE ANY SHIELD LESS THAN 80% COVERAGE.

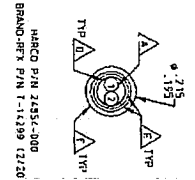
- SEE CROSSSECTION VIEW FOR NO. 100H1 AND DO (MAX). DO REF FOR DECISIONS NOT MET BUILT.
- LAYERS SUPPLIED TO THIS DRAWING CAN NOT BE CHANGED WITHOUT PRIOR APPROVAL OF HARCO LABORATORIES, INC.
- CABLES SUPPLIED TO THIS DRAWING SHALL BE CAPABLE OF NORMAL OPERATION AT TEMPERATURES UP TO 100°C.
- CABLES MUST COMPLY TO THIS DRAWING AND THE LATEST REVISION OF HARCO SPECIFICATION HSS145A.
- CABLES SUPPLIED TO THIS DRAWING SHALL BE QUALIFIED IN ACCORDANCE WITH HARCO SPECIFICATION HSS145A.
- SHIELD PERFORMANCE: WHEN TESTING IN ACCORDANCE WITH AS-54505, THE TRANSFER IMPEDANCE SHALL BE LESS THAN 0.05 OHMS PER FEET FROM DC TO 10 MHz & 1.55S THRU 100 MHz. THE TRANSFER RESISTANCE SHALL BE LESS THAN 0.15 OHMS PER FEET. TRANSFER INDUCTIVE SHALL BE LESS THAN 3.0 nH PER FEET FOR ALL REVISIONS THROUGH 100 MHz.
- WEIGHT - SEE TABLE BELOW.
- WIRE COLOR CODING: WHITE BACKGROUND WITH COLOR STRIPE IS OPTIONAL. SOLID COLORS ARE ACCEPTABLE, I.E. WHITE/RED MAY BE ORANGE.

HARCO P/N/THERMAX P/N	NO. OF CONDUCTORS	WEIGHT PER FOOT	WEIGHT PER METER
2485-002/1289-02	32	1.68 LB/100 FT	0.76
2485-008/1289-02	32	1.68 LB/100 FT	0.76
2485-009/1289-07	32	1.68 LB/100 FT	0.76
2485-010/1289-11	32	1.68 LB/100 FT	0.76
2485-011/1289-13	32	1.68 LB/100 FT	0.76
2485-012/1289-15	32	1.68 LB/100 FT	0.76
2485-013/1289-13	32	1.68 LB/100 FT	0.76

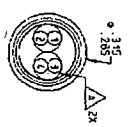
SOURCE CONTROL DRAWING

laboratories, Inc.
 HARCO LABORATORIES, INC.
 CABLE 206A, MULTI-CONDUCTOR
 JUMPER, FEM, VENDOR 4
 D100060 2485-013
 REV 1.1

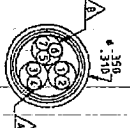
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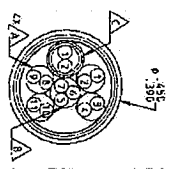
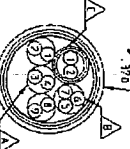
MARCO P/N 24851-000
 BRAND-REC P/N 1-14299 (12/20)



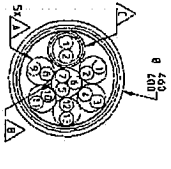
MARCO P/N 24851-001
 BRAND-REC P/N 1-14299 (4/20)



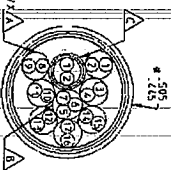
MARCO P/N 24851-002
 BRAND-REC P/N 1-14299 (1/20)



MARCO P/N 24851-004
 BRAND-REC P/N 1-14299 (11/20)



MARCO P/N 24851-005
 BRAND-REC P/N 1-14299 (1/12/20)



MARCO P/N 24851-006
 BRAND-REC P/N 1-14299 (1/12/20)

WIRE NO.	COLOR/ST.
1	WHT/BLK
2	WHT/BLK
3	WHT/BLK
4	WHT/BLK
5	WHT/GRN
6	WHT/GRN
7	WHT/YEL
8	WHT/YEL
9	WHT/YEL
10	WHT/GRY
11	WHT/GRY
12	WHT/GRY
13	WHT/GRY
14	WHT/GRY
15	WHT/GRY
16	WHT/GRY
17	WHT/GRY
18	WHT/GRY
19	WHT/GRY

UNL. J. VERBODEN TOEGANG VERP. REVIS. EN BEFOR. NIE. (C) 2010 LABORATORIES, INC.

NOTES:

1. CONDUCTOR: 2AWG #218 NICKEL PLATED HIGH STRENGTH ALLOY 135 @ 0.015, 001, 00R 13 OHM/1000FT MAXIMUM, DIELECTRIC: FURNISHED PTFE, 000 MINIMUM WALL: 0.059, 0002, CONDS AS SHOWN.
2. TWISTED PAIR: 2 CONDUCTORS; 1.50 INCH LH LAY @ 0.122 MAXIMUM
3. TWISTED TRIPLES: 3 CONDUCTORS; 1.75 INCH LH LAY @ 0.125 MAXIMUM
4. SHIELDED JACKETED TWISTED PAIR: 2 CONDUCTOR; 1.75 INCH LH LAY SHIELD: 36 AWG NICKEL COPPER BRAID, 50 MICRONS MINIMUM WIREL, 50% COVERAGE MINIMUM 5 GAUS, 13 CORNERS, JACKET: 3 LAYERS, 3 LAYERS, 3 LAYERS, UNWEAVERED PTFE, 003 X 376 65-504 LAY 50TH W/025: 2.150 MAXIMUM.

△ BINDER: PTFE TAPE .003 X 100 MINIMUM OVERLAP.
 △ OVERALL SHIELDS: THE CABLES SHALL HAVE TWO (2) OVERALL BRAIDED SHIELDS OF 218 OR 214 AWG NICKEL COPPER COATED WITH EACH HAVING A COVERAGE OF NOT LESS THAN 50%. THE BRAID SHALL BE IN CONTACT WITH THE SHIELDING AND SHALL BE IN CONTACT WITH THE OVERALL SHIELD. SHIELDS SHALL BE CONSTRUCTED AS FOLLOWS:
 TAPE ONE: .003" PTFE (WHITE) - 25-35% LAP
 TAPE TWO: .003" PTFE (YELLOW) - 25-35% LAP
 TAPE THREE: .003" PTFE (YELLOW) - 25-35% LAP
 TAPE FOUR (ONLE 0.350" AND LONGER): .003" PTFE (YELLOW) - 25-35% LAP
 △ OVERALL JACKETS: THE CABLES SHALL HAVE A PTFE TAPE WIND JACKET. THE JACKET TAPE SHALL BE WHITE. THE JACKET SHALL BE CONSTRUCTED AS FOLLOWS:
 TAPE ONE: .003" PTFE (WHITE) - 25-35% LAP
 TAPE TWO: .003" PTFE (YELLOW) - 25-35% LAP
 TAPE THREE: .003" PTFE (YELLOW) - 25-35% LAP
 TAPE FOUR (ONLE 0.350" AND LONGER): .003" PTFE (YELLOW) - 25-35% LAP

2. CABLES SUPPLIED TO THIS DRAWING CAN NOT BE CHANGED WITHOUT PRIOR APPROVAL OF MARCO LABORATORIES, INC.
3. CABLES SUPPLIED TO THIS DRAWING SHALL BE CAPABLE OF NORMAL OPERATION AT ANY EXPOSURE TO TEMPERATURE LIMITS OF -75°C TO +90°C.
4. CABLES MUST CONFORM TO THIS DRAWING AND THE LATEST REVISION OF MARCO SPECIFICATION H551455.
5. CABLES SUPPLIED TO THIS DRAWING SHALL BE QUALIFIED IN ACCORDANCE WITH MARCO SPECIFICATION H551455.
6. SHIELD PERFORMANCE: WHEN TESTED IN ACCORDANCE WITH MIL-C-45485, THE TRANSMISSION IMPEDANCE SHALL BE LESS THAN 0.01 OHMS PER METER.

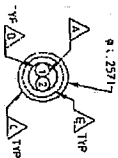
SOURCE OF SUPPLY	
PART NO.	SUPPLIER DATA
24851-000	1-14299 (12/20)
24851-001	1-14299 (4/20)
24851-002	1-14299 (1/20)
24851-004	1-14299 (11/20)
24851-005	1-14299 (1/12/20)
24851-006	1-14299 (1/12/20)

IDENTIFICATION OF THE SUGGESTED SOURCE OF SUPPLY HEREON IS NOT TO BE CONSIDERED AS A
 WARRANTY OF FITNESS OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM.

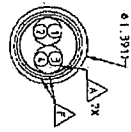
SOURCE CONTROL DRAWING

Laboratories, Inc.
 BRANFORD CT 06405-0070
 CABLE, 20GA, MULTI-CONDUCTOR
 JUMPER, FBW, VENDOR 3
 0106060 2.6854
 Rev 1.1

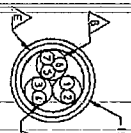
NOTE 13 ALL PREGROUND RELIEF SHALL BE OBTAINED BY THE MANUFACTURER. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE CABLES FROM MECHANICAL DAMAGE, INCLUDING THE PROTECTION OF THE CABLES FROM DAMAGE DURING THE INSTALLATION AND MAINTENANCE OF THE SYSTEM. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE CABLES FROM DAMAGE DURING THE INSTALLATION AND MAINTENANCE OF THE SYSTEM. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE CABLES FROM DAMAGE DURING THE INSTALLATION AND MAINTENANCE OF THE SYSTEM.



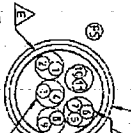
HARDO PIN 24854-007
INSULATIVE P/N 204447/IB09CLT-2
Z/C



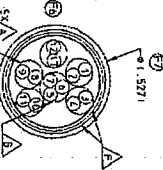
HARDO PIN 24854-008
INSULATIVE P/N 204447/IB09CLT-4



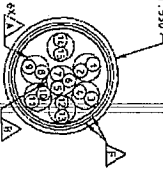
HARDO PIN 24854-009
INSULATIVE P/N 204447/IB09CLT-7



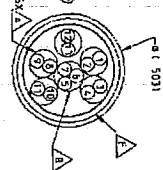
HARDO PIN 24854-010
INSULATIVE P/N 204447/IB09CLT11



HARDO PIN 24854-011
INSULATIVE P/N 204447/IB09CLT-13 (OBL)



HARDO PIN 24854-012
INSULATIVE P/N 204447/IB09CLT-15



HARDO PIN 24854-013
INSULATIVE P/N 204447/IB09CLT-15 (SOL)

WIRE NO.	HARDO TOP LEVEL	INSULATIVE
1	BLK	BLK
2	WHI	WHI
3	WHI	WHI
4	WHI	WHI
5	WHI	WHI
6	WHI	WHI
7	WHI	WHI
8	WHI	WHI
9	WHI	WHI
10	WHI	WHI
11	WHI	WHI
12	WHI	WHI
13	WHI	WHI
14	WHI	WHI
15	WHI	WHI
16	WHI	WHI
17	WHI	WHI

UNCONTROLLED COPY - VERY RARE - PLEASE CONTACT THE MANUFACTURER FOR A REVISION CONTROL DRAWING.

HARDO PIN	CABLE DSC	INSULATIVE PART NO.	MINIMUM WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT
24854-007	204447/IB09CLT-2	Z/C	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18
24854-008	204447/IB09CLT-4		2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18
24854-009	204447/IB09CLT-7		2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18
24854-010	204447/IB09CLT11		2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18
24854-011	204447/IB09CLT-13 (OBL)		2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18
24854-012	204447/IB09CLT-15		2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18
24854-013	204447/IB09CLT-15 (SOL)		2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18

1. CONDUCTOR MATERIAL: NICKEL-COATED COPPER ALLOY AND TIGROUNDES MINI SIZE AND 20 US INSTRUCTION: 19 X 32 CONDUCTOR: 19X32 DC RESISTANCE (MAX): 11.6 OHM/1,000FT.
2. INSULATION MATERIAL: EXTRUDED PTFE OR: 60° - 1° 0.06.
3. CONCENTRICITY: 80% MIN. & PRIMARY EXTENSION.
4. COMPONENT #1 (INSULATED PAIR COMPONENT):
- CABLE DIA 173 (INSULATED CONDUCTORS TOGETHER): 2.142" LRL
5. COMPONENT #2 (TWISTED TRIPLES COMPONENT):
- CABLE DIA 173 (INSULATED CONDUCTORS TOGETHER, LAYING): 2.142" LRL
6. OVERALL CABLE
- CABLE COMPONENTS ALONG WITH FIBERGLASS FILLERS AS NECESSARY FOR RIGIDNESS AND TO MINIMIZE VISIBLE CONVOLUTIONS AND HIGH SPOTS.
7. OVERALL JACKETS:
- 1. LAYER: 0.003" THICK PTFE TAPER 50% FROM SHIELD
 - 2. LAYER: 0.003" THICK PTFE TAPER 50% FROM SHIELD
 - 3. LAYER: 0.003" THICK PTFE TAPER 50% FROM SHIELD
 - 4. LAYER: 0.003" THICK PTFE TAPER 50% FROM SHIELD
- JACKET MARKING TO INCLUDE - VENDOR PART NUMBER, VENDOR CAGE CODE, VENDOR TRACEABILITY INFORMATION (PART NUMBER, LOT #, DATE, etc.)
8. OVERALL SHIELDS: MATERIAL NICKEL-COATED COPPER (90% NICKEL) AND 10% SILVER SHALL HAVE A COVERAGE OF NOT LESS THAN 90%. THE SHIELD THICKNESS SHALL BE 48" ± 50".
9. OVERALL SHIELDS: MATERIAL NICKEL-COATED COPPER (90% NICKEL) AND 10% SILVER SHALL HAVE A COVERAGE OF NOT LESS THAN 90%. THE SHIELD THICKNESS SHALL BE 48" ± 50".
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15. OVERALL SHIELDS: MATERIAL NICKEL-COATED COPPER (90% NICKEL) AND 10% SILVER SHALL HAVE A COVERAGE OF NOT LESS THAN 90%. THE SHIELD THICKNESS SHALL BE 48" ± 50".
16. OVERALL SHIELDS: MATERIAL NICKEL-COATED COPPER (90% NICKEL) AND 10% SILVER SHALL HAVE A COVERAGE OF NOT LESS THAN 90%. THE SHIELD THICKNESS SHALL BE 48" ± 50".
17. OVERALL SHIELDS: MATERIAL NICKEL-COATED COPPER (90% NICKEL) AND 10% SILVER SHALL HAVE A COVERAGE OF NOT LESS THAN 90%. THE SHIELD THICKNESS SHALL BE 48" ± 50".

SOURCE CONTROL DRAWING

Laboratory, Inc.
SPECIALIZED LABORATORY SERVICES
CABLE, 200A, MULTICONSISTOR FOR JUMPER, FIB, VENDOR 2

D:000801 24854

REV 2.0 5